

**COUNTY BEST PRACTICES**  
**AWARDS PROGRAM**  
**NOMINATION FORM**

**I. Program Information**

**County:** Hidalgo County

**Program title:** Hidalgo County Executive Office Vehicle GPS Program

**Official/Individual playing significant role:** J. Chris Trevino

**Actual implementation date:** July 22, 2015

**II. Authorization**

X

**III. Contact Information**

**Name:** J. Chris Trevino

**Title:** County Operations Administrator

**Department:** Hidalgo County Executive Office

**Address:** 2818 S. Bus. Hwy. 281

**City/State/ ZIP:** Edinburg, TX 78539

**Telephone:** (956)292-7655    **Fax:** (956)292-7034

**Email:** [Chris.trevino@co.hidalgo.tx.us](mailto:Chris.trevino@co.hidalgo.tx.us)

**IV. Signature of the County Judge or Elected Official/Auditor**

**Name:** Ramon Garcia

**Title:** Hidalgo County Judge

**Signature:** Ramon Garcia



## SECTION I- THE CHALLENGE

Discuss the reason this program/project was developed. Talk about the need, concern problem that prompted its implementation. Provide information about the history of your program/project, and include such information as when it was first started, who started it and where it was started. Explain why your program is innovative or new in its approach to solving the need, concern or problem it was meant to solve. (Attach additional pages as needed.)

Prior to this program being implemented, Hidalgo County had 11 county departments with one hundred and twenty-one vehicles that were not being monitored by GPS. The county was in need of a vehicle monitoring system that would assist in maintaining and tracking the county's assets with a process that was faster and more reliable. We needed to implement a program that would allow us to monitor, manage, and control the county's fleet and reduce vehicle operating costs.

Based on the needs of the county and my previous experience with GPS Programs, I consulted with Executive Officer, Valde Guerra, and we agreed on the need for GPS. He gave me the green light to create, develop, and begin implementing the Hidalgo County Executive Office GPS Program. The Hidalgo County Executive Office GPS Program was successfully launched on July 22, 2015, and is currently being utilized in the following county departments: Health Department, Facilities Management, Environmental Compliance, Executive Office, Election's Office, Planning Department, Worker's Compensation Department, Extension Service Department, Fire Marshall, Purchasing Department, and Safety Department.

This program allows us to manage idle time (poor fuel economy practices), inappropriate driving habits such as speeding violations, misuse of vehicles, and inefficient travel between stops. In addition, the program allows us to extend the life of our vehicles with preventative maintenance alerts. The Executive Office receives daily alerts and weekly reports that include speeding violations, excessive idle time, low battery voltage, oil change, tire rotation, and when vehicles leave Hidalgo County. We also receive an after hours report which informs us when a vehicle is being used after working hours.



## SECTION II- THE SOLUTION

Describe the steps taken by the county through this program/project to address the need, concern or problem mentioned in section I. Explain the objectives of the program, and provide information about how each of these objectives were met through all the stages of developing and implementing the program/project. (Attach additional pages as need.)

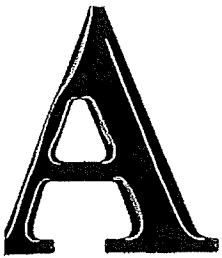
The first step that was taken to implement the project was to recognize the need for a fleet management monitoring system. After accessing Hidalgo County's fleet and determining that the county would benefit from this program, I met with all department administrators to discuss the idea of implementing the program. During these meetings I shared my previous experience and success working with RASTRAC GPS Systems. Each department expressed interest in the implementation of the program, so we moved forward.

Over a three month period, numerous meetings were held with legal counsel and Human Resources Administration in regards to policies and procedures. We also coordinated with the Department of Budget and Management for the development of program metrics. With legal approval a Vehicle GPS Program Policy Acknowledgement form, a Vehicle GPS Program Policy, and a Vehicle Maintenance log were created to insure accountability for the program (See Attachments A-D). Hidalgo County Commissioner's Court allocated the funds for the program and GPS equipment was ordered through UNICOM Government/ RASTRAC and was successfully installed on July 22, 2015.

With the need to monitor the daily activities of a fleet with one hundred and twenty-one vehicles, a large computer monitor was purchased and mounted on the wall in the Executive Office for this program (See Attachments E-F). The benefits of this oversized monitor allow the Executive Office to view exact detailed locations of violations such as weekly speed and idle violation reports (See Attachments G-J). Attachments H and J are examples of weekly speed and idle violation reports for one department.

In addition to monitoring daily vehicle activity, this program generates information that helps us to effectively communicate amongst county administrators. An email discussing the program shows potential benefits and allows us to maximize the program's full potential (See Attachment K). I have also attached a sample Violation Conference Report showing that departments are conferencing their employees on weekly violation reports (See Attachment L).





**HIDALGO COUNTY  
EXECUTIVE OFFICE  
VEHICLE GPS PROGRAM POLICY  
ACKNOWLEDGMENT FORM**

**EMPLOYEE NAME:** \_\_\_\_\_

**(PRINT)**

**SUPERVISOR:** \_\_\_\_\_

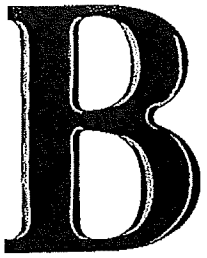
This Acknowledgement is for the purposes of the above named employee to acknowledge that he/she has been provided a copy of the Hidalgo County Executive Office Vehicle GPS Program Policy and hereby acknowledge that I am expected to abide by this policy. Vehicles will be monitored for geographic location, speed, hours of operation and other related data relevant to the vehicles utilization.

I have read and understand this acknowledgement and understand that GPS tracking information may be used to determine any and all violations of the County of Hidalgo Standards of Conduct, which may subject the employee to disciplinary action, as outlined in the Hidalgo County Civil Service Commission Rules and the Hidalgo County Policy and Procedure Manual.

\_\_\_\_\_  
Signature-Employee

\_\_\_\_\_  
Date





## **HIDALDO COUNTY EXECUTIVE OFFICE VEHICLE GPS PROGRAM POLICY**

### **1. INTRODUCTION**

Hidalgo County Executive Office has established a Vehicle Global Positioning System (GPS) Program for County employees operating a County vehicle. The following policy has been created as a tool to assist the departments and employees to ensure compliance with County Standards of Conduct for the use of County vehicles.

### **2. PURPOSE**

The Global Positioning System (GPS) tracking of County Vehicles will assist the Executive Office administration in its efforts to maximize the value of the County's assets while reducing the cost of the vehicle fleet and providing a mechanism to monitor driving activities and behavior.

The system will allow supervisors to dispatch vehicles to maximize the efficiency of fleet; monitor geographic location, speed, hours of operation and other related data relevant to the vehicles utilization; assist in the review allegations of misconduct/abuse/traffic violations, and/or auto damage claims; automatically generate reports of vehicles that demonstrate excessive speeds or unusual amounts of idle time.

This policy and the system are not intended to be punitive or used to monitor individual employees.

### **3. PROCEDURE**

Employees authorized to operate a county vehicle must sign an acknowledgement form wherein they receive notice that the vehicle that they operate may be equipped with a GPS tracking device, and shall be monitored for geographic location, speed, hours of operation and other related data relevant to the vehicles utilization.

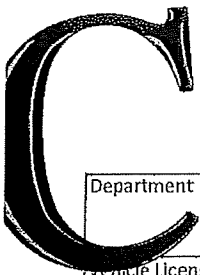


#### **4. REPORTS**

Executive Office administration will run reports monitored for geographic location, speed, hours of operation and other related data relevant to the vehicles utilization. Reports shall be provided to the Department Heads on a weekly basis.

**GPS tracking information may be used to determine any and all violations of the County of Hidalgo Standards of Conduct, which may subject the employee to disciplinary action, as outlined in the Hidalgo County Civil Service Commission Rules and the Hidalgo County Policy and Procedure Manual.**





# Vehicle Maintenance Log

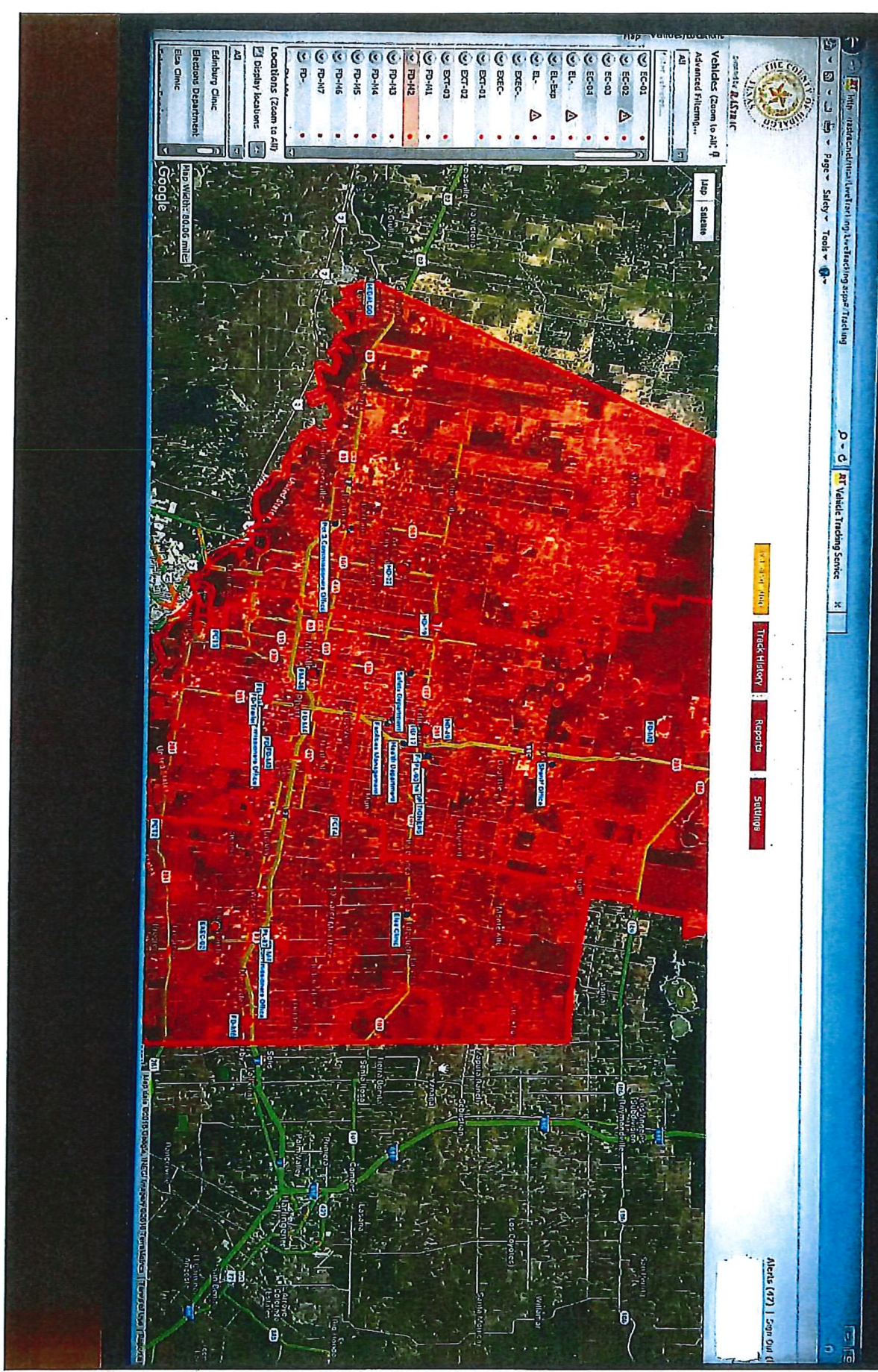
Department					
Vehicle License Number		Vehicle Year/Make/Model		Asset #	
Date	Mileage	Name of Dealer/Shop	Vehicle Service Performed	PO#	Charges

Record all maintenance repairs, including routine maintenance such as inspections, oil changes and tune-ups. While vehicle is under warranty some services may be at no cost. However, an invoice documenting services performed should be requested. Any incidental charges such as towing or other expenses should be recorded on the log. Receipts or invoices should be retained as appropriate for the payment method.

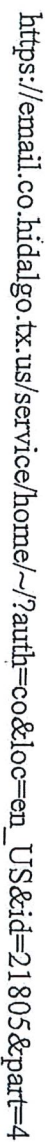


[illegible]













W Frontage Rd

E Frontage Rd

**INFO CLOSE UP STREET VIEW**

**Date:**  
Time: 9:03:27 AM  
Address: E Frontage Rd, Westlaco, TX, 78596  
Event: Time/Distance/Update  
Inputs: Ignition ON  
Speed: 53 mph  
Speed Limit: 40 mph  
Battery: 14.0 volts  
Speed Difference: 13 mph  
Odometer: 2602.3 miles  
Course: E  
Aux Battery: 0  
Fuel Level: 0.0%  
Engine RPM: 0 RPM

E Expy 83

E Frontage Rd

W Frontage Rd

Border  
Westlaco



# H

Date	Time	Speed	Speed Limit	Address	Geofences
EXEC-					
Date	Time	Speed	Speed Limit	Address	Geofences
	9:03:27 AM	53	40	E Frontage Rd, Weslaco, TX, 78596	HIDALGO,PCT1
	10:33:34 AM	79	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	9:53:38 AM	78	65	US-83, Weslaco, TX, 78596	HIDALGO,PCT1
	11:06:48 AM	41	30	1017 N Los Ebanos Rd, Mission, TX, 78572	HIDALGO,PCT3
	11:13:07 AM	79	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	8:52:25 AM	52	40	E Frontage Rd, Weslaco, TX, 78596	HIDALGO,PCT1
	9:47:41 AM	77	65	US-83, Weslaco, TX, 78596	HIDALGO,PCT1
	9:49:14 AM	78	65	US-83, Weslaco, TX, 78596	HIDALGO,PCT1
	9:53:22 AM	73	55	W Frontage Rd, Donna, TX, 78537	HIDALGO,PCT1
	9:55:33 AM	43	30	661 N Val Verde Rd, Donna, TX, 78537	HIDALGO,PCT1
	9:56:04 AM	44	30	255 N Val Verde Rd, Donna, TX, 78537	HIDALGO,PCT1
	10:35:01 AM	77	65	US-83, McAllen, TX, 78501	HIDALGO,PCT2
	10:37:05 AM	76	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	10:38:07 AM	78	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	11:06:51 AM	78	65	US-83, McAllen, TX, 78501	HIDALGO,PCT2
	9:45:55 AM	78	65	US-83, Weslaco, TX, 78596	HIDALGO,PCT1
	9:46:26 AM	78	65	US-83, Weslaco, TX, 78596	HIDALGO,PCT1
	9:47:28 AM	78	65	US-83, Donna, TX, 78537	HIDALGO,PCT1
	9:50:34 AM	66	55	W Frontage Rd, Donna, TX, 78537	HIDALGO,PCT1
	10:36:18 AM	78	65	US-83, McAllen, TX, 78501	HIDALGO,PCT2
	10:37:20 AM	85	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	10:37:51 AM	86	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	10:38:22 AM	83	65	US-83, Mission, TX, 78572	HIDALGO,PCT3
	10:43:40 AM	42	30	2090 N Los Ebanos Rd, Mission, TX, 78572	HIDALGO,PCT3
	11:12:24 AM	42	30	141 S Los Ebanos Rd, Mission, TX, 78572	HIDALGO,PCT3



I

INFO CLOSE UP STREET VIEW

Date:   
Time: 4:00:56 PM   
Address: Edinburg, TX, 78542   
Event: Time/Distance/Update   
Inputs: Ignition ON   
Speed: 0 mph   
Battery: 12.7 volts   
Odometer: 54250.7 miles   
Aux Battery: 0   
Fuel Level: 0.0%   
Engine RPM: 0 RPM   
GPS: GPS   
Geofences: HIBALGO,PCT4   
Satellite: 10

X

>

<

Cottage

Cottage

Cottage



1

Idle Start	Idle End	Idle Time	Address
3:50:56 PM	7/11/2016 4:21:43 PM	30 Minutes	Edinburg, TX, 78542
4:26:59 PM	7/11/2016 4:50:48 PM	23 Minutes	8111 Kenyon Rd, Edinburg, TX, 78542
10:15:28 AM	7/12/2016 10:39:28 AM	24 Minutes	*24049 Miller Rd (2278 feet away), Edinburg, TX, 78541
5:49:11 PM	7/13/2016 6:31:50 PM	42 Minutes	21613 TX-186, Linn, TX, 78563
10:50:25 AM	7/14/2016 11:12:25 AM	22 Minutes	9011 N la Homa Rd, Mission, TX, 78574

Idle Start	Idle End	Idle Time	Address
10:53:00 AM	7/10/2016 11:17:00 AM	24 Minutes	2053 N Stewart Rd, Mission, TX, 78572
12:22:40 PM	7/10/2016 12:54:40 PM	32 Minutes	2049 N Stewart Rd, Mission, TX, 78572
2:15:57 PM	7/13/2016 2:45:54 PM	30 Minutes	The District Apartments, McAllen, TX, 78501
9:51:40 AM	7/14/2016 10:15:18 AM	23 Minutes	Location: Health Department, 1049 S Expressway 281, Edinburg, TX, 78542
1:35:31 PM	7/14/2016 2:02:20 PM	26 Minutes	2541 E Balli Rd, San Juan, TX, 78589
3:52:20 PM	7/15/2016 6:07:48 PM	2 Hours 15 Minutes	*9540 N Doffing Rd (619 feet away), Mission, TX, 78574

Idle Start	Idle End	Idle Time	Address
4:10:04 PM	7/12/2016 4:44:04 PM	34 Minutes	5893 N Mile 2 1/2 W, Mercedes, TX, 78570

Idle Start	Idle End	Idle Time	Address
9:48:24 AM	7/12/2016 10:15:09 AM	26 Minutes	127 W Kuhn St, Edinburg, TX, 78541



# K

**From:** Chris Trevino [<mailto:chris.trevino@co.hidalgo.tx.us>]

**Sent:** Friday, October 02, 2015 1:05 PM

**To:** Roy Quintanilha; Martín Ramirez; Yvonne Ramon; Juan Martinez; Daniel Flores; Seferino Garza; Eduardo Olivarez; Josie Escalante; TJ Arredondo; Martha Salazar; Agueda García; Sergio Cruz; Andrea Valdez; Nora Cruz

**Cc:** Valde Guerra

**Subject:** Vehicle Maintenance Log

Good afternoon, attached is a Vehicle Maintenance log form that the county will now be using for our oil change/tire rotation reporting. Each department head will be receiving an email alerting you that one of your vehicles either needs an oil change or tire rotation, similar to the alerts some of you have already received when one of your vehicles leaves the county, has low battery voltage or that the power has been disconnected. As your department is servicing your vehicles, please fill out this form and email it to me. It is imperative that I get these forms every time an oil change and or tire rotation is performed. This information will allow us to utilize and receive maximize results from our GPS program. Some of the departments have already turned in the information I asked for in regards to odometer readings for last oil change and tire rotation, if your department has not, please send information as soon as possible. It was brought to my attention that some vehicles require an oil change at 5,000 miles not 3,000 miles. Please send me at what mileage your vehicles require an oil change. Three departments have had these GPS units on their vehicles since the end of June and in fuel alone for the months of July and August the county has saved \$7042.54 in comparison to July and August 2014. Thank you in advance for your prompt attention to this matter.

J. Chris Trevino  
County Operations Administrator  
Executive Office  
2818 S. Bus Hwy 281 Edinburg, TX 78539  
(956)292-7655 (Office) or Ext 5604  
(956)292-7034 (Fax)  
[chris.trevino@co.hidalgo.tx.us](mailto:chris.trevino@co.hidalgo.tx.us)



# L



## Hidalgo County Health Department

1304 S. 25th Street • Edinburg, Texas 78539  
Tel: (956) 383-6221 • Fax: (956) 383-8864

Iván Meléndez, M.D., M.B.A.  
Health Authority/Chief Physician

Eduardo Olivarez  
Chief Administrative Officer

OK  
*[Signature]*  
6-28-16

June 24, 2016

Met with the following employees to discuss Executive Office report finding on speed  
and idol time from May 15, 2016 – May 22, 2016

Employee Name	Unit	Date	Speeding or Idol Time	Reviewed by:
	HD-	May 17 & 19, 2016	Speeding	
	HD-	May 21, 2016	Speeding	
	HD-	May 18, 2016	Speeding	
	HD-	May 18, 2016	Speeding	
	HD-	May 18&19, 2016	Speeding	
	HD-	May 17 & 19, 2016	Speeding	
	HD-	May 16, 2016	Idle	
	HD-	Weekly Check	Idle	
	HD-	May 19, 2016	Idle	



### SECTION III- THE RESULTS

Describe the results of your program/project. Specific data, such as cost savings, service enhancement, etc., or other performance-oriented information will strengthen your application. It's essential that you explain how your community and/or county operations are affected. The selection committee is required to review measurable results. Information on how your program/ project could be replicated by other counties is also helpful. (Attach additional pages as needed.)

The results of the Hidalgo County Executive Office Vehicle GPS Program have shown positive measurable results. Our program has shown a decrease in speed violations and idle time. It has made our vehicle maintenance process more efficient by providing us with alerts in the form of email when our vehicles are in need of a tire rotation, oil change, and when a vehicle has low battery voltage. We also receive alerts when a vehicle has left Hidalgo County through a virtual GEO fence. Our program has also contributed to a decrease in fuel costs for our county. This program shows transparency and delivers accountability.

Safety is our first priority for our employees. Our employees are aware of the GPS policy and the potential disciplinary actions for violating the policy. Our data has shown that employees are more mindful of speed limits and are aware that the vehicles are being monitored to ensure that they are being utilized properly. Attachment M shows speed violations for 3 departments for the first month this program was initiated. From July 22, 2015 through August 22, 2015 there were 967 above speed limit violations. Attachment M also shows from February 28, 2016 through March 27, 2016 there were 462 speed limit violations a decrease of 505 speeding violations for those two particular months.

Idle reports are crucial to any fleet management system. The less idle violation reports we receive, indicate less fuel costs. Attachment N shows idle violations for 3 departments for the first month this program was initiated. From July 22, 2015 through August 22, 2015 there were 55 idle violations of idle time greater than 20 minutes. Attachment N also shows from May 22, 2016 through June 22, 2016 there were 13 idle violations of idle time greater than 20 minutes. This shows a significant drop in idle violations for those two particular months.

Vehicle maintenance is also very important to any fleet management system and with proper and timely vehicle maintenance vehicles should last longer. Attachments O-Q are examples of alerts that are received when a vehicle is in need of a tire rotation, oil change, or when a vehicle has low battery voltage.



Knowing and being able to track your vehicles' daily history are very important when managing a large fleet, but being alerted when a vehicle has left your county is an indispensable tool. This will allow you to view the exact time and location when the vehicle left and where it currently is. Attachment R is an example of an alert email informing us that a vehicle has left our county. Attachment S shows an image that the Executive Office would view and see exactly when that vehicle left the county line.

With today's rising fuel costs, any type of fuel savings would help the average person much less a fleet with one hundred and twenty-one vehicles. With our speed and idle violations decreasing, Hidalgo County has seen a significant drop in fuel costs since our program began. Attachment T is our fuel cost savings report that show an actual savings of \$25,240.97 since our program started. We believe that our Hidalgo County Executive Office Vehicle GPS Program has had a direct impact on our county's fuel savings.

Hidalgo County is now able to deliver efficiency, safety, and provide more accountability through technology. Other comparable counties would greatly benefit from our program and are sure to see significant savings in fuel and vehicle maintenance costs, as well as overall fleet management. In order for other counties to begin implementing this GPS program, they would need to assess their fuel costs, budget and vehicle maintenance program.



# M

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Speed violations for same 3 departments

2015 Date Range 7-22 to 8-22-2015

Department Speed Violations

Totals 967

2016 Date Range 2-28 to 3-27-2016

Speed Violations

Totals 462



N

Overall idle time for 3 departments, criteria: idle time greater than 20 minutes

2015 Department	Date Range 7-22 to 8-22-2015		Minutes
	Number of Idle Times	Total Idle Time	
Totals	55	1573	
2016	Date Range 5-22 to 6-22 2016		Minutes
	Number of Idle Times	Total Idle Time	
Totals	13	643	



Zimbra

chris.trevino@co.hidalgo.tx.us

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**Tire rotation due on FM-57**

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**From :** noreply@servernotifications.com

Fri, May 20, 2016 10:02 PM

**Subject :** Tire rotation due on FM-57**To :** valde guerra <valde.guerra@co.hidalgo.tx.us>,  
chris trevino <chris.trevino@co.hidalgo.tx.us>

Tire rotation due on FM-57

FM-57: 20MAY2016 09:31:25 pm [300 Royal St; Edinburg, TX  
78539] Hourly Update 10 satsLogon at <http://rastrac.net>Go to <http://www.rastrac.net/rtisa/users/./Email/UserCheck.aspx?id=SmeFMkTwgwLYnzg3tg5q7Q%3D%3D> to disable/delete this  
notification

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Zimbra

chris.trevino@co.hidalgo.tx.us

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**6000 Mile oil change is due on FM-48**

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**From :** noreply@servernotifications.com

Fri, May 20, 2016 10:01 PM

**Subject :** 6000 Mile oil change is due on FM-48**To :** valde guerra <valde.guerra@co.hidalgo.tx.us>,  
chris trevino <chris.trevino@co.hidalgo.tx.us>

6000 Mile oil change is due on FM-48

FM-48: 20MAY2016 09:12:30 pm [110 S 10th Ave; Edinburg, TX  
78539] Hourly Update 6 satsLogon at <http://rastrac.net>Go to <http://www.rastrac.net/rtisa/users/./Email/UserCheck.aspx?id=SmeFMkTwgwKNGifYYqkOSg%3D%3D> to disable/delete this  
notification

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**P**



Zimbra

chris.trevino@co.hidalgo.tx.us

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**HD-26has a low battery of 6.93volts**

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**From :** noreply@servernotifications.com

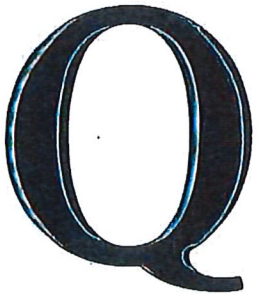
Fri, May 20, 2016 12:18 PM

**Subject :** HD-26has a low battery of 6.93volts**To :** chris trevino <chris.trevino@co.hidalgo.tx.us>,  
valde guerra <valde.guerra@co.hidalgo.tx.us>

HD-26has a low battery of 6.93volts

HD-26: 20MAY2016 12:18:34 pm [554 N Closner Blvd; Edinburg,  
TX 78541] Power Disconnected 7 satsLogon at <http://rastrac.net>Go to <http://www.rastrac.net/rtisa/users/./Email/UserCheck.aspx?id=ZJz%2Bd5KqJ5MgJGfR%2FW3e5w%3D%3D> to disable/delete this notification

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Zimbra

chris.trevino@co.hidalgo.tx.us

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**EC-03 has left Hidalgo County**

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**From :** noreply@servernotifications.com

Wed, Jun 29, 2016 08:02 AM

**Subject :** EC-03 has left Hidalgo County**To :** valde guerra <valde.guerra@co.hidalgo.tx.us>,  
michael wells <michael.wells@rastrac.com>,  
chris trevino <chris.trevino@co.hidalgo.tx.us>

EC-03 has left Hidalgo County

EC-03: 29JUN2016 08:02:44 am [10690 TX-107; Santa Rosa, TX  
78593] Time/Distance/Update 62 mph E 7 sats

Logon at <http://rastrac.net>

Go to <http://www.rastrac.net/rtisa/users/./Email/UserCheck.aspx?id=SmeFMkTwgwLZ0si2ozqpbw%3D%3D> to disable/delete this notification

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# R



Map

Satellite

Unit No.

Stockholm

Stockholm

Zapata Ranch

Los Coyotes

# INFO CLOSEUP STREET VIEW

## Date:

Time: 8:02:44 AM

Address: 10690 TX-107, Santa Rosa, TX, 78593

Event: Time/Distance/Update

Inputs: Ignition ON

Speed: 62 mph

Speed Limit: 55 mph

Battery: 14.1 volts

Speed Difference: 7 mph

Odometer: 3399.0 miles

Course: E

Aux Battery: 0

Fuel Level: 0.0%

Coolant Temperature: 190.4 °F

STATUS: OFFLINE

sa Clinic

Edcouch

107

Logan

Mila Doce

Indian Hills

Hendelberg

Ratamosa

Grand Acres

Santa Rosa

107

107

Combes

Lasana

Primera

459

Valley International Airport

Palm Valley

Hardingen

Map Width: 39.56 miles

Google





# HIDALGO COUNTY

Department Of Budget & Management

## Fuel Cost Savings

For Departments with GPS System

### TOTAL FUEL EXPENDITURES

	2014	2015	2016	
Jan	\$ 12,856.63	\$ 9,058.13	\$ 5,390.42	\$ 3,667.71
Feb	\$ 16,986.00	\$ 10,182.84	\$ 7,167.71	\$ 3,015.13
March	\$ 17,908.39	\$ 11,457.29	\$ 7,926.31	\$ 3,530.98
April	\$ 19,905.74	\$ 13,119.51	\$ 8,763.24	\$ 4,356.27
May	\$ 22,454.63	\$ 15,276.70	\$ 9,991.11	\$ 5,285.59
June	\$ 24,015.51	\$ 16,830.63	\$ 8,999.21	\$ 7,831.42
July	\$ 21,011.83	\$ 14,813.76	\$ 6,198.07	
Aug	\$ 20,083.80	\$ 12,677.89	\$ 7,405.91	
Sept	\$ 18,502.68	\$ 11,229.11	\$ 7,273.57	
Oct	\$ 19,927.56	\$ 10,684.58	\$ 9,242.98	
Nov	\$ 16,159.97	\$ 8,395.87	\$ 7,764.10	
Dec	\$ 11,785.79	\$ 6,519.38	\$ 5,266.41	
Total	\$ 361,844.22	\$ 231,634.73	\$ 130,209.49	

% Saved	Fuel Change	Actual Savings	Actual Savings
40%	8%	32%	\$ 2,918.73
30%	27%	3%	\$ 322.87
31%	20%	11%	\$ 1,312.38
33%	16%	17%	\$ 2,172.01
35%	14%	21%	\$ 3,136.60
47%	17%	30%	\$ 5,082.85
29%	27%	2%	\$ 450.72
37%	24%	12%	\$ 2,496.54
39%	31%	8%	\$ 1,499.24
46%	36%	11%	\$ 2,106.76
48%	36%	12%	\$ 1,951.16
45%	29%	15%	\$ 1,791.11
			\$ 25,240.97



#### SECTION IV-SUMMARY

In approximately 100 words, summarize the program/project. This summary may be used for promotional purposes. Your summary must include elements of the challenge, solution and results.

A county will find the Hidalgo County Executive Office Vehicle GPS Program effective when they have a large fleet, high fuel costs with the rising fuel economy, high vehicle maintenance costs, and little or no oversight of daily vehicle activity. A county will be able to monitor all vehicles to ensure that each vehicle is being utilized in the safest, efficient, and effective way. County administrators will be able to receive weekly reports and daily alerts for speeding violations, excessive idle time, low battery voltage, oil change, tire rotation, when vehicles leave their county through a virtual GEO fence, and an after hours report. This program allows for the ability to monitor vehicles in real time on a daily basis and allows us to track vehicle history up to ninety days. Counties will see a dramatic drop in fuel and vehicle operating costs. In addition, they will see an improvement in vehicle utilization and reduction of downtime of field employees due to documentation of actual routes driven and stops made. This program saves counties money and allows them to use it on other important projects for their tax payers.

It is our hope that other counties enjoy the benefits and costs savings that the Hidalgo County Executive Office Vehicle GPS Program has for Hidalgo County.